Screw Terminal
Connectors

Product Data Sheet

CE RoHS COMPLIANT

Our Screw Terminal Connectors offer a reliable solution to achieve solderless connections for your LED strip light installations.

Compatible with our Single Color LED Strip Lights (10 mm wide).

Product Features

IP Rating	IP20
Voltage Range	5-24V DC
Connector Type	Terminal block
Ambient Temperature	14°F to 104°F (-10°C to 40°C)
Material	Polycarbonate

Connectors without wire (ST-2-C-10-0) can fit 22 AWG to 16 AWG

Product Specifications

Description	Diagram	Product SKU	Connector Type	Maximum Amperag	Dimensions
Single Color Screw Terminal Solderless Connectors		ST-2-C-10-0	Connector with no wire	6 Amps	13.4 x 11.6 x 6.5 mm
		ST-2-J-10-0	Jumper Connector	6 Amps	14.6 x 11.5 x 6.5 mm
		ST-2-CRN-10-0	Corner Connector	3.5 Amps	16.3 x 11.5 x 6.5 mm

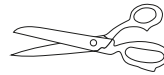# Preparing LED Strips Lights for Connection

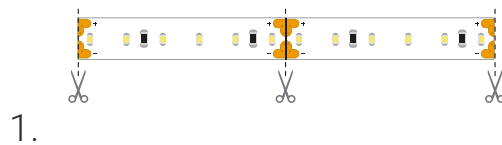## What you will need

☑ LED Strip Light
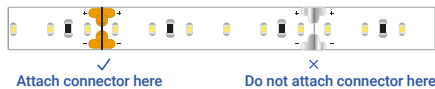
☑ Screw Terminal Connector
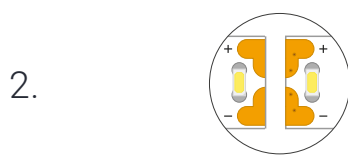
☑ Scissors

☑ Screwdriver

1.

Cut the strip light to the desired length

Measure the strip light to the required length and locate the cutting points on your strip light. Using scissors, cut the strip light at the desired length along the indicated black but mark between the copper solder pads. Make sure you cut between the solder pads and not the solder joints (see below). Do not cut anywhere else except on the cut marks.

Note: Do not install the connector on the solder joints (pre-soldered points every 50 cm that attach the strips together during the manufacturing process).

✓ Attach connector here   ✗ Do not attach connector here
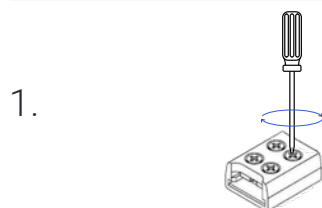
2.

Check the polarity before installation

Before installing the connectors, make sure the polarity of the strip light matches the rest of your set up. Follow the positive (+) and negative (-) markings from the power unit all the way through to the end of your run to match the corresponding (+) and (-) markings so you avoid having a segment of reversed polarity. The strip will not turn on if the positives (+) and negatives (-) do not match.
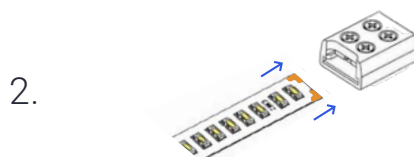
3.

Remove part of the adhesive backing

Carefully peel off about a ¼" to ½" of adhesive tape from the back of the strip light and push it back to make room for the connector. You can do this using a small blade or your nails.

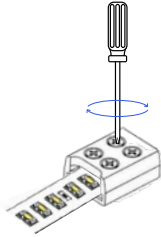# Installing the Screw Terminal Connectors

1.

Loosen screws

Using a small Phillips screwdriver, loosen the screws of the Screw Terminal Connector while avoiding the removal of the screw completely.

2.

Insert strip light

Insert the strip light inside the connector. Make sure the strip is facing up towards the screw terminals.
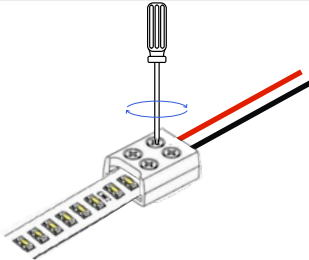
3.
Fasten screws

Using a small Phillips screwdriver, fasten the screws of the Screw Terminal Connector firmly to secure the strip in place. Screws must be firmly tightened to avoid arcing between the screw and strip.
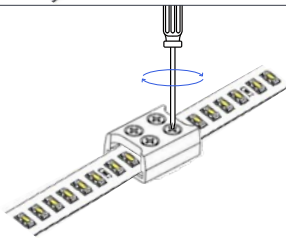
4.
Insert wires

Loosen the screws on the connector and insert the wires into the connector by placing them in their individual terminals. Make sure to strip the wires before placing them in their correct corresponding channel. Then, fasten the screws to secure the wires in place. Ensure that stranded wire strands do not touch one another to avoid creating a short circuit.
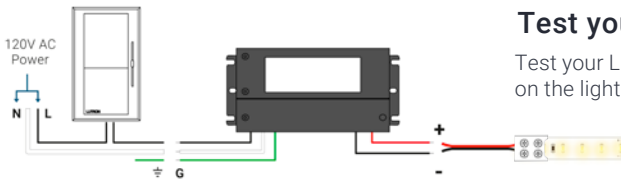
5.
For jumper connectors

If you are using a jumper connector or a corner connector (strip to strip), repeat steps 1 to 3 on the other side of the connector.
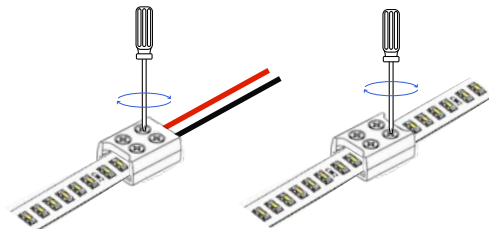
6.
Test your connections

Test your LED tape light by connecting it to your controller, dimmer, or power supply to turn on the lights.

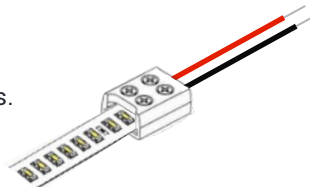## If your lights are not turning on, double check to make sure:

☑ The polarities match

☑ The screws on the connectors are properly secured all the way. The strip and wire should feel secure and not loose.

☑ There is enough wire exposed to make proper connections.

Still having issues?
Contact us

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☏ Toll-Free Number: 1-844-353-9347